

Title (en)

Digital broadcasting apparatus for the transmission of additional information with a digital broadcast with adjustment of the bitrates of additional information data items

Title (de)

Vorrichtung für die Übertragung von Begleitdaten zusätzlich zu einer digitalen Rundfunkübertragung mit Anpassung der Bitrate der Begleitdaten

Title (fr)

Dispositif de transmission numérique pour la transmission de données supplémentaires à l'émission numérique, avec adaptation du débit binaire des données supplémentaires

Publication

EP 1063796 A3 20050713 (EN)

Application

EP 00304518 A 20000526

Priority

- JP 16491999 A 19990611
- JP 32331399 A 19991112

Abstract (en)

[origin: EP1063796A2] A digital broadcasting apparatus includes: a bitrate storage unit for holding a bitrate set for each source data item and a total bitrate available for transmitting source data items; a transmission period storage unit for holding transmission time period of each source data item; a source data reading unit for reading each source data item to be transmitted from a source data storage unit; a rate control unit for calculating a transmission bitrate of each source data item that should be simultaneously transmitted according to predetermined equations; and a data multiplexing unit for multiplexing each source data item read by the source data reading unit into a transport stream at the transmission bitrate calculated by the rate control unit. <IMAGE>

IPC 1-7

H04H 1/00

IPC 8 full level

H04H 20/30 (2008.01); **H04H 20/42** (2008.01); **H04J 3/16** (2006.01)

CPC (source: EP US)

H04H 20/30 (2013.01 - EP US); **H04H 20/42** (2013.01 - EP US); **H04J 3/1682** (2013.01 - EP US)

Citation (search report)

- [XY] EP 0899955 A2 19990303 - MATSUSHITA ELECTRIC IND CO LTD [JP]
- [Y] JP H10173674 A 19980626 - HITACHI LTD

Cited by

EP1678896A4; EP1475798A1; EP1535469A4

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